

FIG. 1

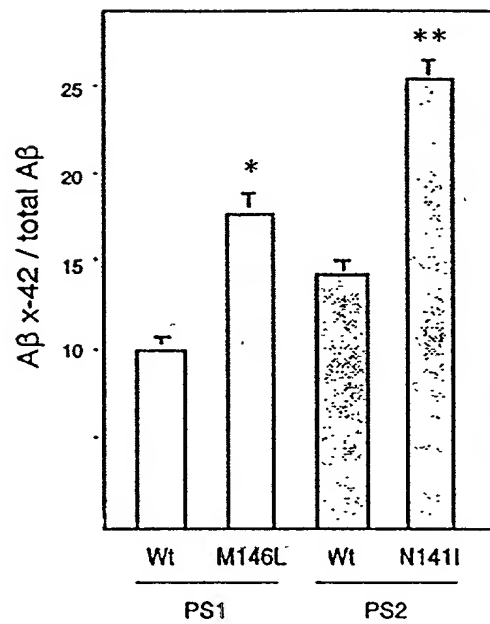


FIG. 2

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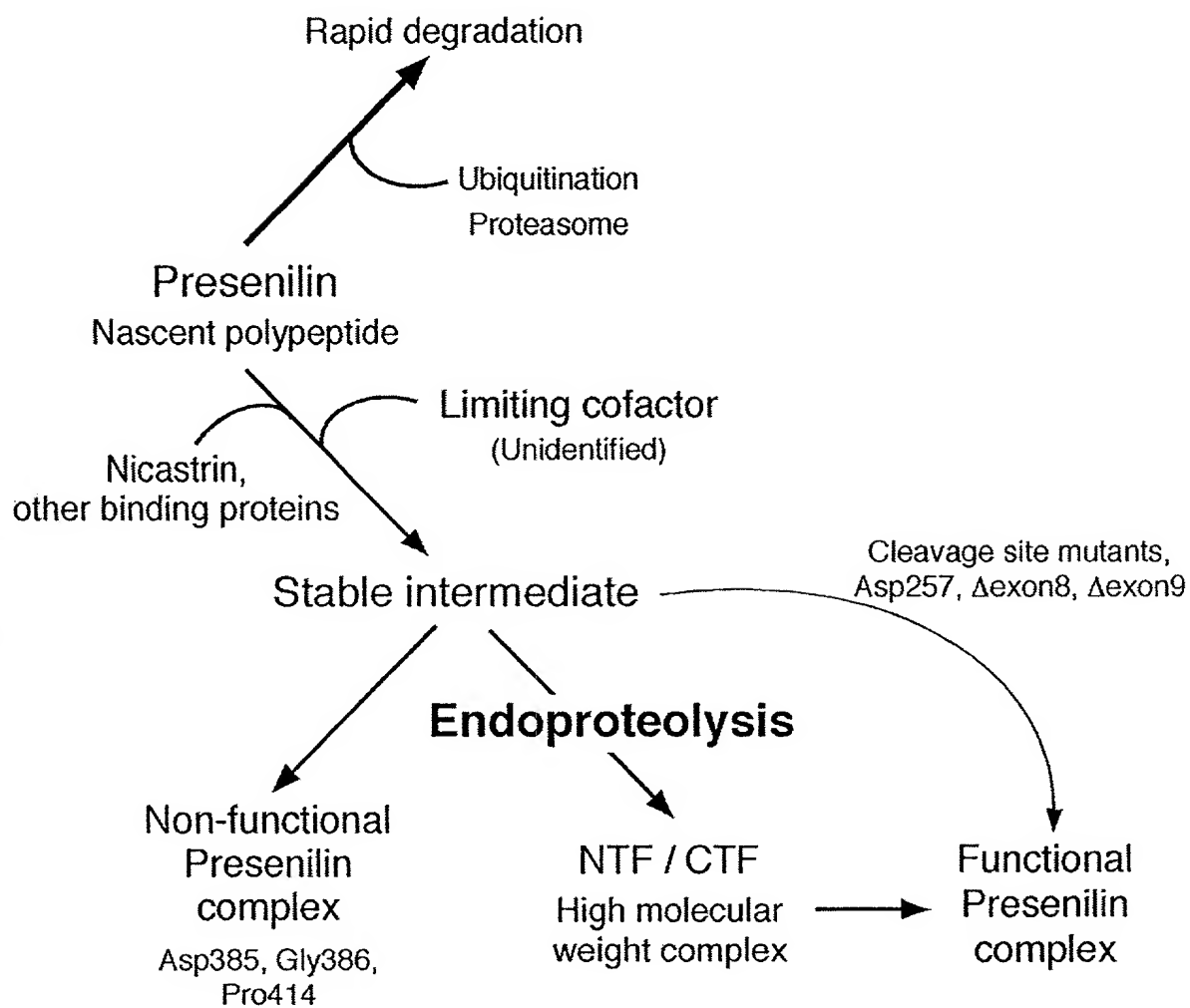


FIG. 3

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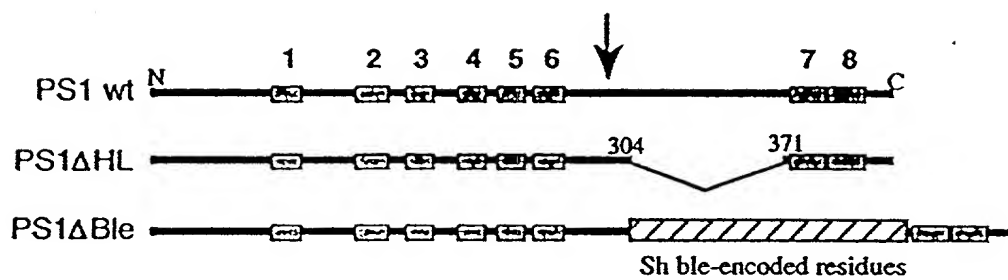


FIG. 4

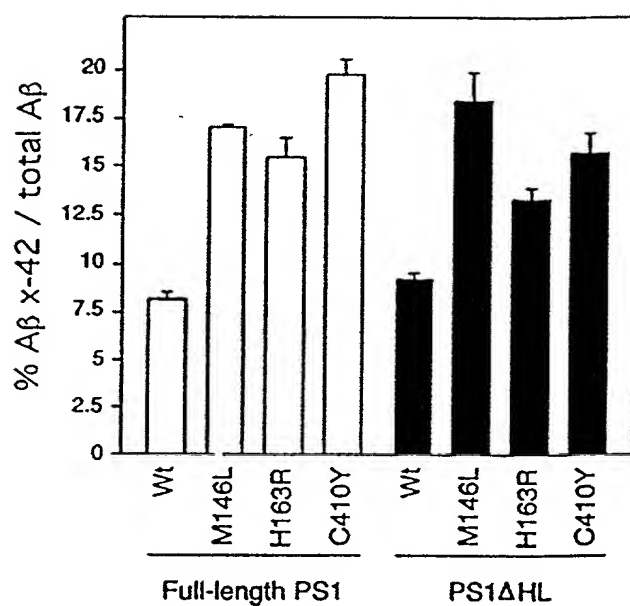


FIG. 6

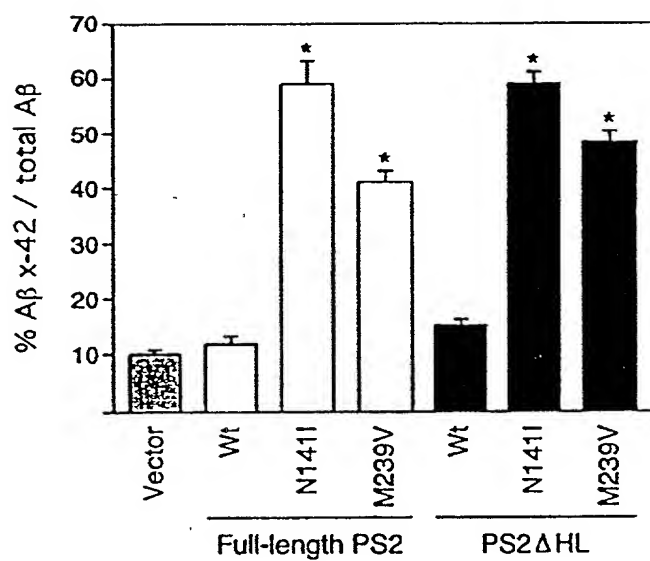
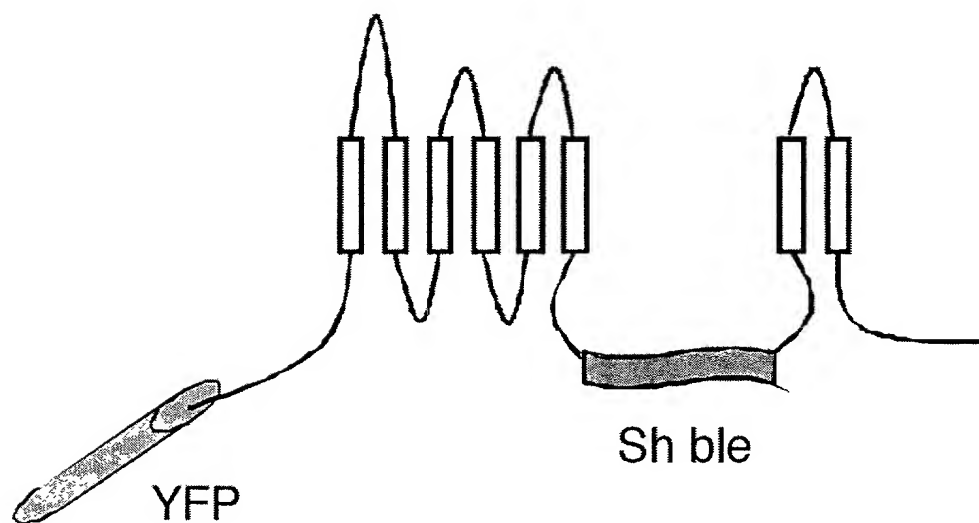


FIG. 7

PS1 chimera



Sh ble - protect from zeocin-mediated cell death

YFP - visualization

FIG. 8

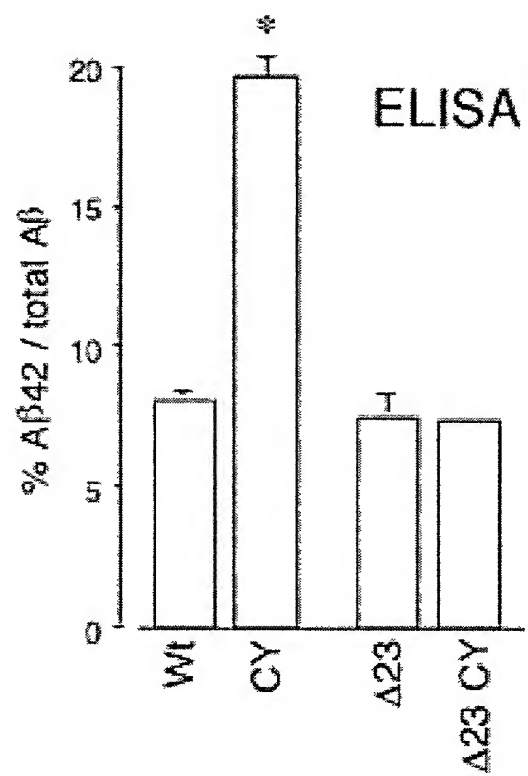


FIG. 9

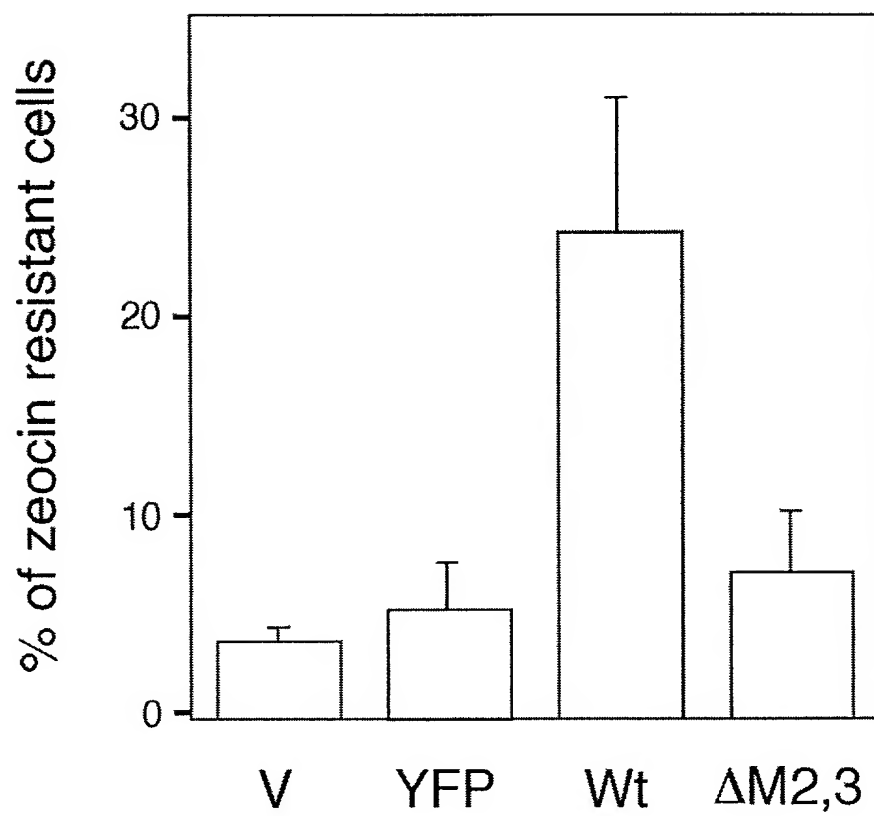
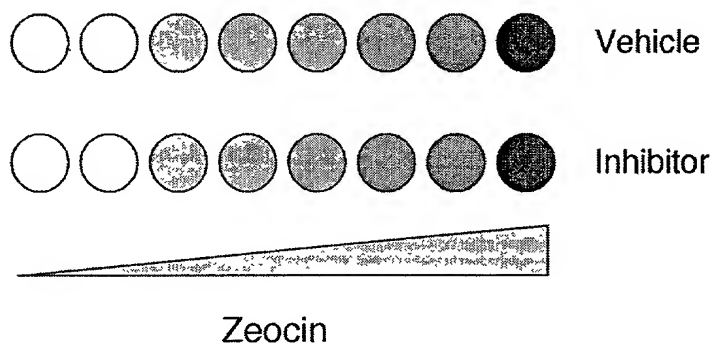


FIG. 10

Assay

Culture stable N2a cells expressing PS1 chimera in 96 well dish



Perform cell viability assay 2-3 days later

Expectation - inhibitors that affect PS1-Sh ble levels will reduce cell viability

FIG. 11

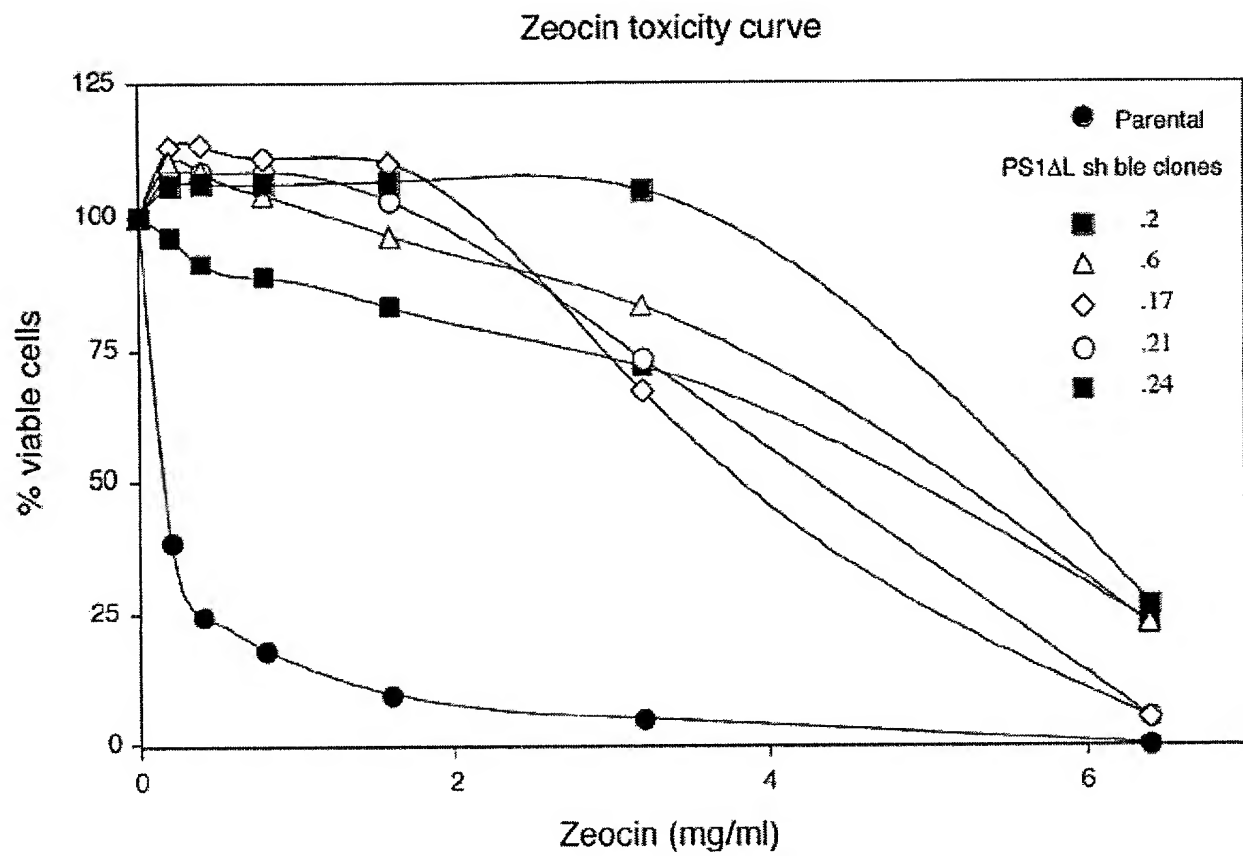


FIG. 12

Treatment with L-685,458
reduces resistance conferred by PS1 chimera

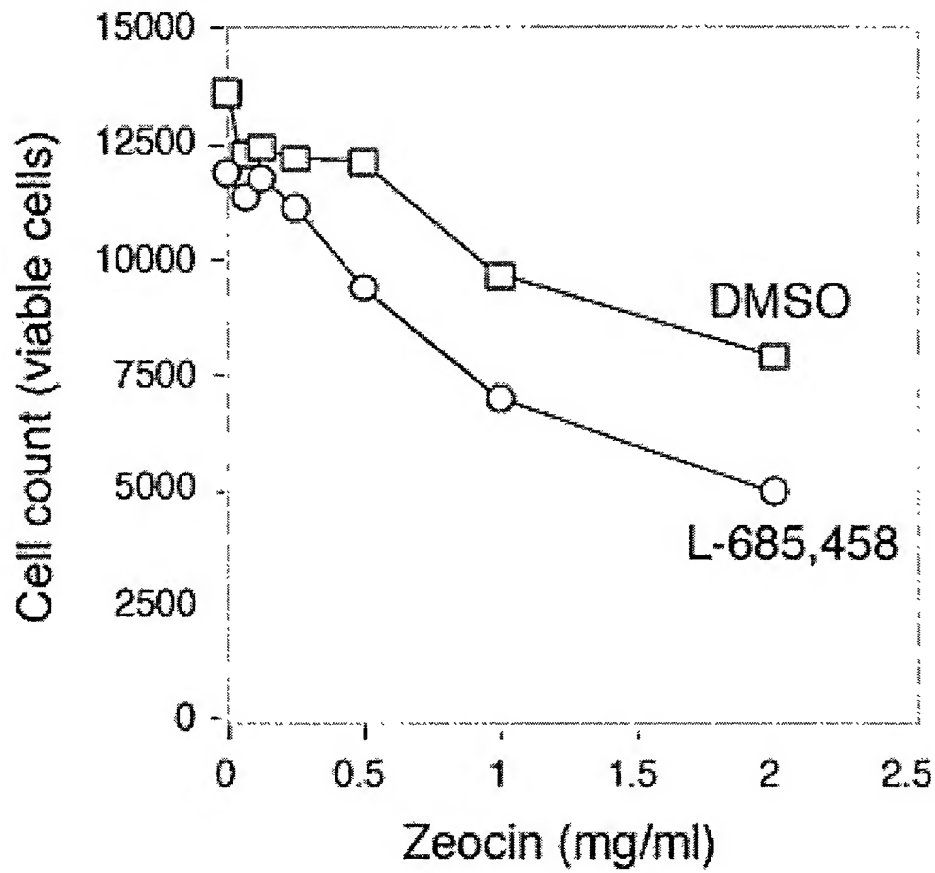


FIG. 13

Functional cloning strategy

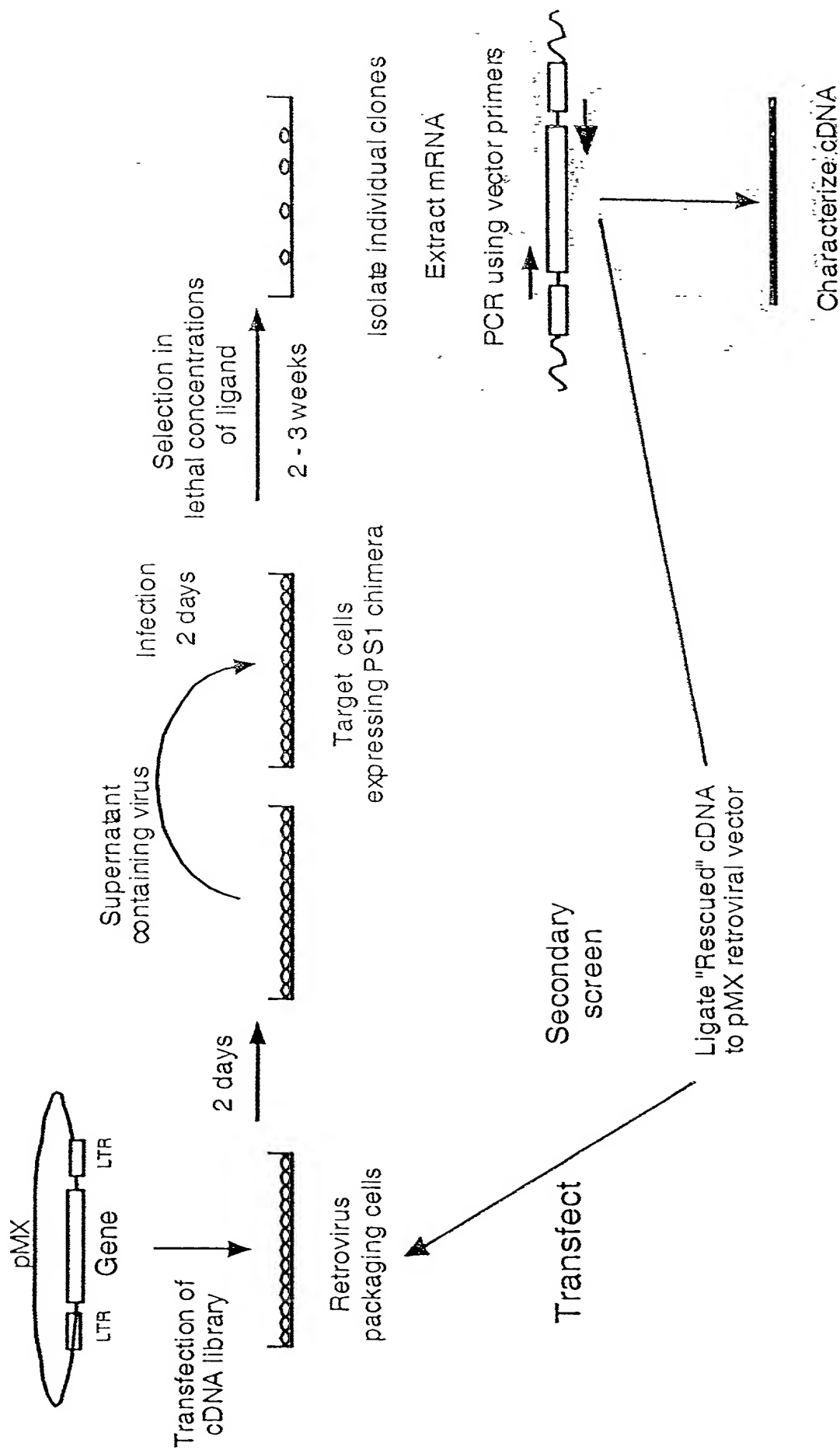


FIG. 14